

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1-3, 5, 6, 8-10 in accordance with the following:

1. (CURRENTLY AMENDED) An apparatus ~~for creating that decrypts encrypted moving image data or expands compressed moving data by executing~~ an image processing program, comprising:

a program selecting unit that selects at least one watermarking program from a plurality of watermarking programs for inserting electronic watermark data into the moving image data ~~that are encrypted, compressed, or both encrypted and compressed;~~

an area selecting unit that selects at least one area of a processing program for inserting the selected at least one watermarking program, ~~from a plurality of areas in a processing program that performs decrypting, expanding, or both decrypting and expanding the moving image data;~~ and

a program inserting unit that generates the image processing program by inserting the selected at least one watermarking program into the selected at least one area of the processing program, wherein the electronic watermark data include a unique number of a tamper resistant module ~~which is an image processing apparatus that executes the image processing program included in the apparatus,~~ and the unique number is encrypted by a unique encryption key of the tamper resistant module.

2. (CURRENTLY AMENDED) The apparatus according to claim 1, wherein:
the program selecting unit selects the at least one watermarking program at random, and
the ~~at least one area~~ selecting unit selects the at least one area of the processing program at random.

3. (CURRENTLY AMENDED) The apparatus according to claim 1, wherein the electronic watermark data include information unique to ~~an image processing apparatus that executes the image processing program~~ the apparatus.

4. (CANCELLED).

5. (CURRENTLY AMENDED) The apparatus according to claim 1, further comprising:

a parameter determining unit that randomly determines a parameter necessary to operate the selected at least one watermarking program-~~selected~~.

6. (CURRENTLY AMENDED) The apparatus according to claim 1, further comprising:

a program rewriting unit that rewrites a jump destination specified by a jump instruction in the image processing program from any one of the ~~at least one watermarking programs~~ program inserted by the program inserting unit into another watermarking program.

7. (PREVIOUSLY PRESENTED) The apparatus according to claim 6, wherein the program rewriting unit rewrites the jump destination during an execution of the image processing program.

8. (CURRENTLY AMENDED) A method of ~~creating~~ decrypting encrypted moving data or expanding compressed moving data by executing an image processing program, comprising:

selecting at least one watermarking program from a plurality of watermarking programs for inserting electronic watermark data into the moving image data ~~that are encrypted, compressed, or both encrypted and compressed;~~

selecting at least one area from a plurality of areas ~~in of~~ a processing program ~~that performs decrypting, expanding, or both decrypting and expanding the moving image data for~~ inserting the selected at least one watermarking program; and

generating the image processing program by inserting the selected at least one watermarking program into the selected at least one area of the processing program, wherein the electronic watermark data include a unique number of a tamper resistant module ~~that executes the image processing program included in the apparatus,~~ and the unique number is encrypted by a unique encryption key of the tamper resistant module.

9. (CURRENTLY AMENDED) The method according to claim 8, wherein the selecting of the at least one watermarking program includes selecting the

watermarking program at random, and

the selecting of the at least one area of the processing program includes selecting the at least one area at random.

10. (CURRENTLY AMENDED) The method according to claim 8, wherein the electronic watermark data include information unique to an ~~image processing apparatus that executes the image processing program~~ on which the method is performed.

11. (CANCELLED).

12. (CURRENTLY AMENDED) The method according to claim 8, further comprising: determining randomly a parameter necessary to operate the selected at least one watermarking program ~~selected~~.

13. (CURRENTLY AMENDED) The method according to claim 8, further comprising: rewriting a jump destination specified by a jump instruction in the image processing program from any one of the ~~at least one watermarking programs~~ program inserted by the ~~program inserting unit into an area of the processing program~~ to another watermarking program inserted therein.

14. (PREVIOUSLY PRESENTED) The method according to claim 13, wherein the rewriting is performed during an execution of the image processing program.

15. (CURRENTLY AMENDED) A computer readable medium storing a program for ~~creating~~ decrypting encrypted moving data or expanding compressed moving data by executing an image processing program, which program when executed on a computer controls the computer to execute:

selecting at least one watermarking program from a plurality of watermarking programs for inserting electronic watermark data into the moving image data ~~that are encrypted, compressed, or both encrypted and compressed~~;

selecting at least one area from a plurality of areas ~~in of~~ a processing program ~~that performs decrypting, expanding, or both decrypting and expanding the moving image data for~~ inserting the selected at least one watermarking program in the processing program; and

generating the image processing program by inserting the selected at least one

watermarking program into the selected at least one area of the processing program, wherein the electronic watermark data include a unique number of a tamper resistant module that ~~executes the image processing program~~, and the unique number is encrypted by a unique encryption key of the tamper resistant module.

16. (CURRENTLY AMENDED) The computer readable medium according to claim 15, wherein:

the selecting of the at least one watermarking program includes selecting the watermarking program at random, and

the selecting of the at least one area of the processing program includes selecting the at least one area at random.

17. (PREVIOUSLY PRESENTED) The computer readable medium according to claim 15, wherein the electronic watermark data include information unique to an image processing apparatus that executes the image processing program.

18. (CANCELLED).

19. (CURRENTLY AMENDED) The computer readable medium according to claim 15, further controls the computer to execute:

determining randomly a parameter necessary to operate the selected at least one watermarking program ~~selected~~.

20. (CURRENTLY AMENDED) The computer readable medium according to claim 15, further controls the computer to execute:

rewriting a jump destination specified by a jump instruction in the image processing program from any one of the ~~at least one watermarking programs inserted by the program inserting unit into~~ in the processing program to another watermarking program inserted therein.

21. (PREVIOUSLY PRESENTED) The computer readable medium according to claim 20, wherein the rewriting is performed during an execution of the image processing program.

22. (CURRENTLY AMENDED) An apparatus generating an image processing program that performs watermarking together with decrypting, expanding, or both decrypting and expanding moving image data, comprising:

a program selecting unit that selects at least one watermarking program from a plurality of watermarking programs;

an area selecting unit that selects at least one location in a processing program that performs decrypting, expanding, or both decrypting and expanding moving image data, for respectively inserting the selected at least one watermarking program;

a program inserting unit that generates an image processing program by inserting each of the selected at least one watermarking program into a respective one of the selected at least one location of the processing program;

a parameter determining unit that randomly determines a parameter necessary to operate the selected at least one watermarking program; and

a program rewriting unit that rewrites a jump destination specified by a jump instruction in the image processing program from any one of the watermarking programs inserted by the program inserting unit into another watermarking program,

wherein the electronic watermark data include a unique number of a tamper resistant module ~~which is an image processing apparatus that executes the image processing program included in the apparatus.~~